

AMENDMENT UNDER 37 C.F.R. § 1.116
U.S. APP. NO. 10/731,434

REMARKS

Summary Of The Office Action

Claims 1-16 are pending in the application.

Applicant thanks the Examiner for allowing claims 1-10.

Claims 11-16 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Park et al (USP 6,791,558); and, further in view of Hussain (USP 6,801,203). Applicant respectfully traverses this rejection.

Analysis of the rejection of claims 11-16

Regarding claim 11, this claim recites, among other features, “in advance reading color data from the frame memory and storing the color data in a color cache at the same time when the z-cache reads the z-data from the frame memory.” Applicant submits that claim 11 is patentable at least because the applied references do not teach or suggest this feature. Park does not teach or suggest this feature. Although Hussain may disclose parallel pipelines, this reference does not disclose or suggest in advance reading color data from the frame memory and storing the color data in a color cache at the same time when the z-cache reads the z-data from the frame memory.

Similar comments apply to claim 14. Also, claims 12-13 and 15-16 are believed to be allowable at least because of their dependence from claims 11 or 14.

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In view of the above, reconsideration and allowance of this application are now believed to be in order, and such actions are hereby solicited. If any points remain in issue which the Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned at the telephone number listed below.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

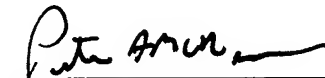
Respectfully submitted,

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